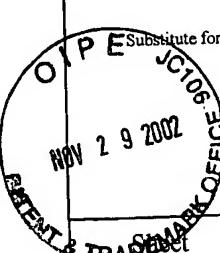


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Attorney Docket No.

108298631US

**COMPLETE IF KNOWN**

Application Number	10/033,340
Confirmation Number	7237
Filing Date	December 26, 2001
First Named Inventor	Suan Jeung Boon
Group Art Unit	2811
Examiner Name	Not yet assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
<i>MH</i>	AA	U.S. Application No. 09/981,948		Boon et al.	Filed 10/16/01	
<i>MH</i>	AB	5,841,193		Eichelberger	11/24/98	
	AC					
	AD					
	AE					
	AF					
	AG					

**FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIALS	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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	AH							
	AI							
	AJ							
	AK							
	AL							

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

*EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
<i>MH</i>	AM	Zwenger and Tessier, "Technologies and Trends in Wafer Level Packaging," Enabling a Microelectronic World, Amkor Technology, Inc., 29 pages (2001).	
<i>MH</i>	AN	EPIC CSPTM Chip Scale Package Technology, "Low Cost Area Array Package Fully Integrates Printed Circuit, Chip Interconnect and Assembly," EPIC Technologies, Inc., 30 pages.	
	AO		
	AP		

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Application Number	10/033,340
Confirmation Number	7237
Filing Date	December 26, 2001
First Named Inventor	Boon Suan Jeung
Group Art Unit	2818
Examiner Name	Mai Huong C. Tran
Attorney Docket No.	108298631US

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
MTC		5,128,831		Fox, III et al.	07/07/1992	
MTC		5,252,857		Kane et al.	10/12/1993	
MTC		5,518,957		Kim	05/21/1996	
MTC		5,851,845		Wood et al.	12/22/1998	
MTC		5,883,426		Tokuno et al.	03/16/1999	
MTC		5,891,797		Farrar	04/06/1999	
MTC		5,933,713		Farnsworth	08/03/1999	
MTC		5,946,553		Wood et al.	08/31/1999	
MTC		5,986,209		Tandy	11/16/1999	
MTC		5,990,566		Farnsworth et al.	11/23/1999	
MTC		6,004,867		Kim et al.	12/21/1999	
MTC		6,008,070		Farnsworth	12/28/1999	
MTC		6,020,624		Wood et al.	02/01/2000	
MTC		6,020,629		Farnsworth et al.	02/01/2000	
MTC		6,028,365		Akram et al.	02/22/2000	
MTC		6,051,878		Akram et al.	04/18/2000	
MTC		6,072,233		Corisis et al.	06/06/2000	
MTC		6,072,236		Akram et al.	06/06/2000	
MTC		6,124,634		Akram et al.	09/26/2000	
MTC		6,153,924		Kinsman	11/28/2000	
MTC		6,175,149	B1	Akram	01/16/2001	
MTC		6,184,465	B1	Corisis	02/06/2001	
MTC		6,187,615	B1	Kim et al.	02/13/2001	
MTC		6,212,767	B1	Tandy	04/10/2001	
MTC		6,225,689	B1	Moden et al.	05/01/2001	
MTC		6,228,548	B1	King et al.	05/08/2001	
MTC		6,228,687	B1	Akram et al.	05/08/2001	
MTC		6,235,552	B1	Kwon et al.	05/22/2001	

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<i>Mai Huong C. Tran</i>	05/03
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Sheet	2	of	2	Attorney Docket No.	108298631US
Application Number	10/033,340				
Confirmation Number	7237				
Filing Date	December 26, 2001				
First Named Inventor	Boon Suan Jeung				
Group Art Unit	2818				
Examiner Name	Mai Huong C. Tran				

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		NUMBER	Kind Code (if known)			
MH		6,235,554	B1	Akram et al.	05/22/2001	
MH		6,258,623	B1	Moden et al.	07/10/2001	
MH		6,261,865	B1	Akram	07/17/2001	
MH		6,281,577	B1	Oppermann et al.	08/28/2001	
MH		6,294,839	B1	Mess et al.	09/25/2001	
MH		6,297,547	B1	Akram	10/02/2001	
MH		6,303,981	B1	Moden	10/16/2001	
MH		6,326,697	B1	Farnworth	12/04/2001	
MH		6,326,698	B1	Akram	12/04/2001	
MH		6,407,381	B1	Glenn et al.	06/18/2002	
MH		6,503,780	B1	Glenn et al.	01/07/2003	

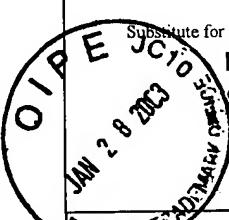
## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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## OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

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MH		LAU, JOHN H. and SHI-WEI RICKY LEE, <i>Chip Scale Package (CSP). Design, Materials, Processes, Reliability, and Applications</i> , pp. 355, 487-488, ISBN 0-07-038304-9, February 1999, McGraw-Hill, New York.	

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MH	AA	6,025,640		Yagi et al.	02/15/00	
	AB					
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